				2004/00/11
_	3	(LED or light adj emitting adj diode) adj array and driver and current adj	USPAT; EPO; JPO	2004/02/11 16:08
		constant and compare	<u>.</u>	
_	1	(LED or light adj emitting adj diode) adj	USPAT;	2004/02/11
		array and driver and compare adj	EPO; JPO	16:13
	_	current and correct	USPAT;	2004/02/11
-	3	(LED or light adj emitting adj diode) adj array and driver and compare adj	EPO; JPO	16:15
		current and predetermin\$8 and value	EPO, UPO	10.13
	0	(LED or light adj emitting adj diode) adj	USPAT;	2004/02/11
_		array and array adj driver and compare	EPO; JPO	16:15
		adj current and predetermin\$8 and value		
_	0	(LED or light adj emitting adj diode) adj	USPAT;	2004/02/11
	_	array and array adj driver and compare	EPO; JPO	16:15
		adi current and predetermin\$8	Ì	
_	7	(LED or light adj emitting adj diode) adj	USPAT;	2004/02/11
		array and array adj driver and compare	EPO; JPO	16:17
	_	and current and predetermin\$8	USPAT;	2004/02/12
-	3	(LED or light adj emitting adj diode) adj array and array adj driver and compare	EPO; JPO	08:35
1		array and array adj driver and compare and current and predetermin\$8 and	210, 010	
		constant		
l	0	(LED or light add emitting add diode) add	USPAT;	2004/11/01
		array and array adj driver and compare	EPO; JPO	11:41
		and current and predetermin\$8 and		
		constant and (CLK or cloack)		0004/10/06
_	1	display and first adj (LED or light adj	USPAT;	2004/10/26
		emitting adj diode) adj cluster and	US-PGPUB;	07:51
		second adj (LED or light adj emitting adj	EPO; JPO; DERWENT;	
		diode) adj cluster	IBM TDB	
	13	display and first adj (LED or light adj	USPAT;	2004/10/26
_	13	emitting adj diode) adj array and second	US-PGPUB;	07:52
	1	adj (LED or light adj emitting adj diode)	EPO; JPO;	
		adj array and switch\$6	DERWENT;	
			IBM_TDB	
_	1	display and first adj (LED or light adj	USPAT;	2004/10/26
		emitting adj diode) adj array and second	US-PGPUB; EPO; JPO;	07:53
		adj (LED or light adj emitting adj diode) adj array and switch\$6 and arrang\$6 and	DERWENT;	
		series and supply\$6 and voltage\$1	IBM TDB	
_	6		USPAT;	2004/10/26
		emitting add diode) add array and second	US-PGPUB;	07:54
		adj (LED or light adj emitting adj diode)	EPO; JPO;	
		adj array and switch\$6 and arrang\$6 and	DERWENT;	
		series	IBM_TDB	2004/10/26
-	12	display and first adj (LED or light adj	USPAT; US-PGPUB;	2004/10/26 08:37
		emitting adj diode) adj array and second adj (LED or light adj emitting adj diode)	EPO; JPO;	00.57
		adj adj array and switch\$6 and arrang\$6	DERWENT;	
		auj array and swreeney and arranges	IBM TDB	
_	1	display and first adj (LED or light adj	USPAT;	2004/10/26
		emitting adj diode) adj array and second	US-PGPUB;	08:38
		adj (LED or light adj emitting adj diode)	EPO; JPO;	
		adj array and switch\$6 and arrang\$6 and	DERWENT;	
		series and supply\$6 and voltage\$1 and	IBM_TDB	
	_	current	HCDAT.	2004/11/01
-	6	display and first adj (LED or light adj	USPAT; US-PGPUB;	2004/11/01
		emitting adj diode) adj array and second adj (LED or light adj emitting adj diode)	EPO; JPO;	09.19
		adj adj array and switch\$6 and arrang\$6 and	DERWENT;	
1		current	IBM TDB	
_	21		USPAT;	2004/10/26
		emitting adj diode) adj array and second	US-PGPUB;	09:26
		adj (LED or light adj emitting adj diode)	EPO; JPO;	
		adj array	DERWENT;	
			IBM TDB	

				2004/10/26
_	2	5,634,711.pn.	USPAT;	2004/10/26
			US-PGPUB;	09:31
			EPO; JPO;	
			DERWENT;	. 1
E. Seels		and the second section of the second section is a second of the second second section of the second section of the second second section of the sect	IBM TDB	and the second of the second of the second of
1_	3	6,400,101.pn.	USPAT;	2004/11/01
		0,100,101,101	US-PGPUB;	09:05
			EPO; JPO;	
	1		DERWENT;	
			IBM TDB	
		6 545 424	USPAT;	2004/11/01
_	2	6,515,434.pn.	US-PGPUB;	09:05
			· ·	03.03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/11/01
_	0	display and first adj (LED or light adj	USPAT;	2004/11/01
		emitting adj diode) adj array and second	US-PGPUB;	09:20
		adj (LED or light adj emitting adj diode)	EPO; JPO;	
		adj array and switch\$6 and arrang\$6 and	DERWENT;	
		current\$1 and total and compare\$6	IBM TDB	
_	5	first adj (LED or light adj emitting adj	USPAT;	2004/11/01
_	,	diode) adj array and second adj (LED or	US-PGPUB;	09:23
ľ		light adj emitting adj diode) adj array	EPO; JPO;	
		light adj emitting adj diode, adj array	DERWENT;	
		and switch\$6 and arrang\$6 and current\$1		
		and total and compare\$6	IBM_TDB	2004/11/01
-	0	first adj (LED or light adj emitting adj	USPAT;	
		diode) adj array and second adj (LED or	US-PGPUB;	09:23
		light adj emitting adj diode) adj array	EPO; JPO;	
		and switch\$6 and arrang\$6 and current\$1	DERWENT;	
1	1	adj total and compare\$6	IBM_TDB	
_	0	first add (LED or light add emitting add)	USPAT;	2004/11/01
		diode) adj array and second adj (LED or	US-PGPUB;	09:23
1		light adj emitting adj diode) adj array	EPO; JPO;	
		and switch\$6 and current\$1 adj total and	DERWENT;	]
		compare\$6	IBM TDB	ļ
		first adj (LED or light adj emitting adj	USPAT;	2004/11/01
_	0	first adj (LED of light adj emitting adj	US-PGPUB;	09:24
		diode) adj array and second adj (LED or	EPO; JPO;	05.24
		light adj emitting adj diode) adj array		
ľ		and switch\$6 and current\$1 adj (sum or	DERWENT;	
		add) and compare\$6	IBM_TDB	0004/11/01
-	1	first adj (LED or light adj emitting adj	USPAT;	2004/11/01
		diode) adj array and second adj (LED or	US-PGPUB;	09:25
		light adj emitting adj diode) adj array	EPO; JPO;	İ
		and switch\$6 and (current\$1 and (sum or	DERWENT;	
		add)) and compare\$6	IBM_TDB	
	0	1	USPAT;	2004/11/01
		diode) adj array and second adj (LED or	US-PGPUB;	09:26
		light adj emitting adj diode) adj array	EPO; JPO;	
1		and switch\$6 and (current\$1 and (sum or	DERWENT;	
		add)) and compare\$6 and fault	IBM TDB	
	0		USPAT;	2004/11/01
1 -	1	diode) adj array and second adj (LED or	US-PGPUB;	09:26
		light adj emitting adj diode) adj array	EPO; JPO;	
1		right adj emitting adj diode; adj array	DERWENT;	
		and switch\$6 and (current\$1 and (sum or	I .	
	1	add)) and compare\$6 and error	IBM_TDB	2004/11/01
-	1	first adj (LED or light adj emitting adj	USPAT;	2004/11/01
		diode) adj array and second adj (LED or	US-PGPUB;	09:27
		light adj emitting adj diode) adj array	EPO; JPO;	
		and switch\$6 and (current\$1 and (sum or	DERWENT;	
		add)) and compare\$6 and (error or fault	IBM_TDB	
		or failure)	_	
_	0		USPAT;	2004/11/01
		diode) adj array and second adj (LED or	US-PGPUB;	09:28
		light adj emitting adj diode) adj array	EPO; JPO;	1
		and master and slave and operation	DERWENT;	
		and master and stave and operation	IBM TDB	
			USPAT;	2004/11/01
-	0			2004/11/01
		diode) adj array and second adj (LED or	US-PGPUB;	09:29
		light adj emitting adj diode) adj array	EPO; JPO;	
		and master/slave	DERWENT;	
			IBM_TDB	<u> </u>

	0	first adj (LED or light adj emitting adj	USPAT;	2004/11/01
-	١	diode) adj array and second adj (LED or	US-PGPUB;	09:29
		light adj emitting adj diode) adj array	EPO; JPO;	
		and magtor	DERWENT;	
A STATE OF THE STATE OF	a tura ta	and the second of the second o	IBM_TDB	
_	1	first adj (LED or light adj emitting adj	USPAT;	2004/11/01
		diode) adj array and second adj (LED or	US-PGPUB;	09:32
		light adj emitting adj diode) adj array	EPO; JPO;	
		and slave	DERWENT;	
			IBM_TDB	2004/11/01
-	0	first adj (LED or light adj emitting adj	USPAT; US-PGPUB;	09:32
		diode) adj array and second adj (LED or	EPO; JPO;	09.32
		light adj emitting adj diode) adj array	DERWENT;	
		and slave and currents	IBM TDB	
	2	display and first adj (LED or light adj	USPAT;	2004/11/01
_	3	emitting adj diode) adj array and second	US-PGPUB;	11:40
		adj (LED or light adj emitting adj diode)	EPO; JPO;	
		adj array and switch	DERWENT;	
		-	IBM_TDB	
_	2	(LED or light adj emitting adj diode) adj	USPAT;	2004/11/01
		array and array adj driver and compare	EPO; JPO	11:41
		and current and predetermin\$8 and		
		constant and (CLK or clock)		1

L	Hits	Search Text	DB	Time stamp
Number			***************************************	2004/02/11
-	534	345/82.ccls.	USPAT; EPO; JPO	2004/02/11 06:31
	. 0	345/82.ccls. and drive adj circuit adj	USPAT;	2004/02/11
_ '	0	LED adj array	EPO; JPO	07:06
_	5	345/82.ccls. and drive adj circuit adj	USPAT;	2004/02/11
		LED	EPO; JPO	07:06
_	1	345/82.ccls. and drive adj circuit adj	USPAT;	2004/02/11
·		LED and LED adj array	EPO; JPO	07:08
-	8	drive adj circuit adj LED and LED adj	USPAT; EPO; JPO	2004/02/11 07:09
		array and information drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
_	8	array and information and signal	EPO; JPO	07:09
_	0		USPAT;	2004/02/11
		array and information and signal and	EPO; JPO	07:10
		under adj shoot\$5	anam.	2004 (02 (11
_	0	drive adj circuit adj LED and LED adj	USPAT; EPO; JPO	2004/02/11 07:10
		array and information and signal and	EFO, OFO	07.10
	7	under and shoot\$5 drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
	l '	array and information and signal and	EPO; JPO	07:10
		lower		
-	1	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and information and signal and	EPO; JPO	07:10
	15	lower and magnitude drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
-	15	array	EPO; JPO	08:43
_	1	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
	1	array and monitor	EPO; JPO	07:17
-	6349	LED adj array	USPAT;	2004/02/11
			EPO; JPO	08:06
_	382	LED adj array and drive adj circuit	USPAT; EPO; JPO	2004/02/11 08:11
	4	LED adj array and drive adj circuit and	USPAT;	2004/02/11
_	4	LED adj cluster	EPO; JPO	08:11
_	4	(LED or light emitting adj diode) adj	USPAT;	2004/02/11
		array and drive adj circuit and (LED or	EPO; JPO	08:15
		light emitting adj diode) adj cluster	Manam.	2004/02/11
-	4	(LED or light emitting adj diode) adj array and drive adj circuit and (LED or	USPAT; EPO; JPO	2004/02/11 08:15
		light emitting adj diode) adj cluster\$1	шо, ото	00110
_	16		USPAT;	2004/02/11
		array and drive adj circuit and	EPO; JPO	08:16
		cluster\$1	HGD3M-	2004/02/11
-	9	(LED or light emitting adj diode) adj	USPAT; EPO; JPO	2004/02/11
		array and drive adj circuit and cluster\$1 and switch\$1	EEG, GEG	00.10
_	8		USPAT;	2004/02/11
		array and drive adj circuit and	EPO; JPO	08:16
		cluster\$1 and switch\$1 and first		0004/00/11
-	0		USPAT;	2004/02/11 08:17
Į.		array and drive adj circuit and cluster\$1 and switch\$1 and first and	EPO; JPO	00.17
		current and current adj loop		
1_	1		USPAT;	2004/02/11
		array and drive adj circuit and	EPO; JPO	08:26
		cluster\$1 and switch\$1 and first and		
	_	current and control adj loop	IICDAM :	2004/02/11
-	7	1 (	USPAT; EPO; JPO	08:21
		array and drive adj circuit and cluster\$1 and switch\$1 and first and	E10, 010	557
		current		
_	1		USPAT;	2004/02/11
		1	EPO; JPO	08:23
-	3		USPAT;	2004/02/11 08:27
		array and drive adj circuit and	EPO; JPO	08:47
		cluster\$1 and switch\$1 and first and current and control and loop		
L		Current and control and roop		

		1' 1' ada \ ada	USPAT;	2004/02/11
-	3	(LED or light emitting adj diode) adj	EPO; JPO	08:27
		array and drive adj circuit and cluster\$1 and switch\$1 and first and	B10, 010	00.27
		current and control and loop and constant		
	2 2	(LED or light emitting adj diode) adj	USPAT;	2004/02/11
- '	2	array and drive adj circuit and	EPO; JPO	08:27
		cluster\$1 and switch\$1 and first and		
		current and control and loop and constant		i i
		and mean		
l _	2	(LED or light emitting adj diode) adj	USPAT;	2004/02/11
_	-	array and drive adj circuit and	EPO; JPO	08:28
		cluster\$1 and switch\$1 and first and		
		current and control and loop and constant		
		and mean and value		
_	2	(LED or light emitting adj diode) adj	USPAT;	2004/02/11
		array and drive adj circuit and	EPO; JPO	08:28
	ì	cluster\$1 and switch\$1 and first and		
		current and control and loop and constant		İ
		and mean and value and second		2224/02/11
_	2	(LED or light emitting adj diode) adj	USPAT;	2004/02/11
		array and drive adj circuit and	EPO; JPO	08:29
		cluster\$1 and switch\$1 and first and		
		current and control and loop and constant		
-		and mean and value and second and		
		detect\$6	USPAT;	2004/02/11
-	0	(LED or light emitting adj diode) adj	EPO; JPO	08:29
		array and drive adj circuit and	EFO, OFO	00.23
		cluster\$1 and switch\$1 and first and current and control and loop and constant		
		and mean and value and second and		
		detect\$6 and sum		
	2		USPAT;	2004/02/11
-	2	array and drive adj circuit and	EPO; JPO	13:42
		cluster\$1 and switch\$1 and first and		İ
		current and control and loop and constant		
1		and mean and value and second and		
		detect\$6 and add\$8		
_	2	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and cluster\$1	EPO; JPO	08:43
-	5	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and group\$1	EPO; JPO	08:44
-	5	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
-		array and group\$1 and current	EPO; JPO	08:44 2004/02/11
-	5		USPAT;	08:44
		array and group\$1 and current and	EPO; JPO	00.44
	_	constant	USPAT;	2004/02/11
-	0	drive adj circuit adj LED and LED adj	EPO; JPO	08:44
		array and group\$1 and current and	110, 010	
	0	constant and compare drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
_	"	array and group\$1 and current and	EPO; JPO	08:45
	1	constant and compar\$8 and detect\$8 and		
		magnitude		
_	1	1 7	USPAT;	2004/02/11
	1	array and group\$1 and current and	EPO; JPO	08:46
	1	constant and compar\$8 and detect\$8 and		
		sum		
_	4	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and group\$1 and current and	EPO; JPO	08:49
[		constant and compar\$8 and detect\$8		0004/00/11
-	5	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and group\$1 and current and	EPO; JPO	13:53
		constant and compar\$8		2004/02/22
_	2	(LED or light emitting adj diode) adj	USPAT;	2004/02/11
		array and drive adj circuit and	EPO; JPO	13:43
		cluster\$1 and switch\$1 and first and		
		current and control and loop and constant		
		and mean and value and second and		
	l	detect\$6 and add\$8 and compar\$8	_L	

				1 0004 /00 /11
_	1	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and group\$1 and current and	EPO; JPO	13:55
		constant and compar\$8 and cluster\$1 and		
		switch\$1 and first and control and loop		l
		and mean and value and second and		A STATE OF THE STA
		detect\$6 and (add\$8 or sum\$5)		
<u> </u>	1	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
_		array and group\$1 and current and	EPO; JPO	13:55
	1	constant and compar\$8 and cluster\$1 and		
		switch\$1 and first and control and loop		
	1	and second and detect\$6 and (add\$8 or		
		sum\$5)	USPAT;	2004/02/11
-	1	drive adj circuit adj LED and LED adj	EPO; JPO	16:31
	1	array and group\$1 and current and	EPO, JPO	10.51
		constant and compar\$8 and cluster\$1 and		
		switch\$1 and first and second and		
		detect\$6 and (add\$8 or sum\$5)		2224/22/11
-	1	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and group\$1 and current and	EPO; JPO	13:55
		constant and compar\$8 and cluster\$1 and		
1		switch\$1	}	
_	1 1	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
	1	array and group\$1 and current and	EPO; JPO	13:56
		constant and compar\$8 and switch\$1 and		
		first and control and loop and mean and	[	
		value and second and detect\$6 and (add\$8	-	
ľ		or sum\$5)	USPAT;	2004/02/11
-	4	drive adj circuit adj LED and LED adj	EPO; JPO	13:57
		array and group\$1 and current and	EFO, OFO	13.07
		constant and compar\$8 and switch\$1 and	ľ	
		first and control and value and second		
		and detect\$6 and (add\$8 or sum\$5)	***************************************	2004/02/11
-	5	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and group\$1 and current and	EPO; JPO	13:56
		constant and compar\$8 and switch\$1		0004/00/11
_	4	drive adj circuit adj LED and LED adj	USPAT;	2004/02/11
		array and group\$1 and current and	EPO; JPO	13:57
		constant and compar\$8 and switch\$1 and		
		first and control and value and second		
		and detect\$6		
_	276764	1	USPAT;	2004/02/11
	1 2,3,3		EPO; JPO	14:34
_	7589	(LED or light adj emitting adj diode) adj	USPAT;	2004/02/11
		array	EPO; JPO	14:34
	112	(LED or light adj emitting adj diode) adj	USPAT;	2004/02/11
		array and cluster\$1	EPO; JPO	14:34
1	78	(LED or light adj emitting adj diode) adj		2004/02/11
_	/*	array and cluster\$1 and current	EPO; JPO	14:34
	40		USPAT;	2004/02/11
_	40	array and cluster\$1 and current and	EPO; JPO	14:35
			1	
	_	constant	USPAT;	2004/02/11
-	9		EPO; JPO	14:46
	i	array and cluster\$1 and current and	EPO, UPO	13.30
		constant and compare	TICDAM.	2004/02/11
-	0	\——— := = J	USPAT;	
		array and cluster\$1 and current adj	EPO; JPO	14:36
		constant and compare		0004/00/11
-	1		USPAT;	2004/02/11
		array and cluster\$1 and current adj	EPO; JPO	14:36
1		constant		
_	1	5,495,157.pn.	USPAT;	2004/02/11
	1	-, , · · <u>F</u> ·	EPO; JPO	14:38
_	1	5,495,147.pn.	USPAT;	2004/02/11
	1	V,,	EPO; JPO	14:38
	8401	(LED or light adj emitting adj diode) adj	USPAT;	2004/02/11
-	8401	array current adj constant and compare	EPO; JPO	14:46
	_	array current auj constant and compare	USPAT;	2004/02/11
-	3	(LED or light adj emitting adj diode) adj	EPO; JPO	14:54
		array and current adj constant and	EFO, SPO	13.03
		compare		